## **Abstract**

A telecommunications system controller framework (1) has application domain base objects (3) in base level (2), and a meta object (5) associated with each base object class. The meta level deals with containment, persistence data, and real resources. The meta objects (5) represent domain object classes. They also isolate the domain objects from services. The meta objects (5) have event channels for automatic notification to subscribers such as adapter objects in a services level.